

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/002885

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C04B35/46, H01B3/12, H01G4/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C04B35/46, H01B3/12, H01G4/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 3348081 B (TDK Corp.), 06 September, 2002 (06.09.02), Claims; Par. No. [0051] & US 6403513 B1 & EP 1094477 A2	1-3 4
Y	JP 11-251173 A (Murata Mfg. Co., Ltd.), 17 September, 1999 (17.09.99), Par. Nos. [0056] to [0075] & US 6270906 B1 & DE 19909300 A & CN 1227957 A	4

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
11 May, 2005 (11.05.05)

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24 May, 2005 (24.05.05)

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Japanese Patent Office

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